



Transformation High Frequency Radio - AN/PRC-150(C)

MISSION

The AN/PRC-150(C) family of HF/VHF radios will be used by the command, combat, and support elements of the Stryker Brigade Combat Team (SBCT) and other Army tactical units for secure voice and data radio communications. The AN/PRC-150(C) is capable of both line of sight (LOS) and beyond line of sight (BLOS) transmission both on the move and from fixed locations if the operator selects the applicable combination of antenna and radio frequency for the desired distance or area to be covered.

Without AN/PRC-150(C), family units need to rely on SATCOM/RETRANS facilities that may not exist and will outdistance network communications while engaged in BLOS-OTM Operations.

DESCRIPTION & SPECIFICATIONS

The AN/PRC-150(C) provides tactical and homeland defense forces and emergency operations elements with stand alone, terrain independent, robust communications, for Line of Sight (LOS) / Beyond Line of Sight (BLOS), secure voice and data communications. There is no reliance on Retransmission/Relay, or SATCOM. Also provides long distance, wide area, gap free, fixed or on the move, ground and ground to air communications.



Some of the special features include:

- Secure on the move LOS/BLOS Voice, Data and Video to all echelons via man pack, vehicular and base station configurations
- Extends the tactical internet
- High Speed data transmissions up to 9,600 bps
- Immediately available at all echelons, no SATCOM, retrans or network required
- Terrain independent
- Best signal penetration characteristics for urban combat

Prime Contractor

Harris Corporation (Rochester, NY)

PM TRCS Points of Contact



Product Manager
Tactical Radios - Current Force
ATTN: SFAE-C3T- TRC-TR-CF
Building 455
Fort Monmouth, NJ 07703
732-427-3063